



**Tufts Medical Center
Lemuel Shattuck Hospital**



Transitional Year Program

Educational Goals and Objectives for Anesthesiology

**Location: Tufts Medical Center
Lahey Clinic
Lemuel Shattuck Hospital**

**Type of Rotation: Elective
Length of Rotation: 4 weeks**

OVERVIEW

A 4 week elective rotation working in the operating room with the anesthesiologist.

COMPETENCY BASED GOALS & OBJECTIVES

Patient Care:

The intern is responsible for the care of patients in a variety of setting including but not limited to surgical, internal medicine, pediatric and neonatal, and critical care settings.

Practice Based Learning and Improvement:

The intern is expected to use literature reviews specific to therapeutic modalities in their practice and in constantly improving patient treatment options.

Professionalism & Interpersonal Communication:

The intern is expected to adhere to a level of professionalism when dealing with anesthesia colleagues, internists, nurses, technicians, patients and their families. The intern will be able to communicate a concise history, physical and differential diagnosis as well as discuss pertinent, laboratory, imaging, and EKG results relative to the patient's disease process.

Medical Knowledge: (specifically for the Anesthesiology First Year Rotation)

Basic knowledge will include and understanding of:

1. Universal precautions for anesthesia administration
2. Principles of the pre-op evaluation, including specific considerations for specific disease processes
3. Setting up an OR after obtaining and presenting a patient's H&P and suggesting a simple anesthetic plan
4. Goals for pharmacological pre-medication
5. Commonly used anesthesia non-invasive monitors and the anesthesia machine

6. Methods of securing/supporting an airway and associated complications
7. Bag/Mask/ventilating an anesthetized patient
8. Performing successful laryngoscopy and intubation on an adult with normal anatomy
9. Recording intraoperative data
10. Introduction to the pharmacology of inhalational, intravenous, and local anesthetics, muscle relaxants
11. General principles of spinal and epidural anesthesia and peripheral nerve blocks
12. Evaluation of fluid and electrolyte status
13. Blood gas analysis and treatment of acid/base disorders
14. Listing extubation criteria
15. Postoperative care and pain control
16. Principles of CPR

System Based Practice:

Examples of system based practice during the Anesthesiology internship include but are not limited to the following:

1. Constant Quality Improvements
2. Teaching Workshops
3. Pre-Operative Antibiotics
4. Screening and prevention for PONV

Evaluation Method:

Monthly evaluation

Mini-Cex